

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH 03/00245

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02M3/335

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 198 638 B1 (LEE SANG YUN) 6 March 2001 (2001-03-06) column 2, line 66 - column 3, line 19 column 7, line 10 - line 17 figures 6,7	1-38
A	US 6 351 396 B1 (JACOBS MARK ELLIOTT) 26 February 2002 (2002-02-26) abstract figures 1,4	1,6,33
A	EP 1 134 756 A (NOKIA MULTIMEDIA TERMINALS OY) 19 September 2001 (2001-09-19) abstract figure 2B	23,36,38

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

28 July 2003

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04/08/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Roider, A

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Information on patent family members

International Application No.

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6198638	B1	06-03-2001	JP	2000224849 A	11-08-2000
			KR	2000071270 A	25-11-2000
US 6351396	B1	26-02-2002	NONE		
EP 1134756	A	19-09-2001	FI	20000504 A	07-09-2001
			EP	1134756 A2	19-09-2001
			US	2001026463 A1	04-10-2001